



3-10-04

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Engel and Löffert

Serial No.: 10/669,976

Filed: September 24, 2003

Entitled: ENHANCED COAMPLIFICATION OF
NUCLEIC ACIDS

Examiner: (not yet assigned)

Art Unit: 1645

Attorney Docket No.: QGN-038.1US

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

TRANSMITTAL LETTER

Sir:

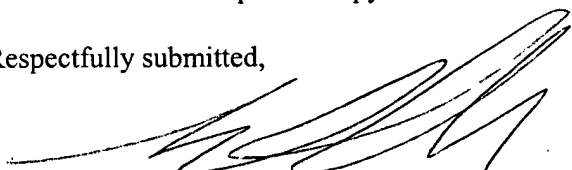
Transmitted herewith are: [X] an Information Disclosure Statement (IDS) under 37 CFR §§ 1.56, 1.97 and 1.98; [X] Form PTO-1449 Information Disclosure Statement; [X] photocopies of the disclosed documents, to be filed in the above-identified patent application; and [X] a return receipt post card.

PAYMENT OF FEES

[] A check in the amount of \$_____ (check no. _____) in payment of the fee for submission of an information disclosure statement transmitted herewith.

[X] The Commissioner is hereby authorized to charge payment of any additional fees required under 37 CFR §§ 1.16 or 1.17 in connection with the paper(s) transmitted herewith, or to credit any overpayment of same, to Deposit Account No. 50-0268. A duplicate copy of this transmittal letter is transmitted herewith.

Respectfully submitted,


David G. O'Brien, Reg. No. 46,125
Leon R. Yankwich, Reg. No. 30,237
Attorneys for Applicants
YANKWICH & ASSOCIATES
201 Broadway
Cambridge, Massachusetts 02139
telephone: (617) 374-3700
telefax: (617) 374-0055

CERTIFICATE OF MAILING

The undersigned hereby certifies that this correspondence is being deposited with the U.S. Postal Service as Express Mail, in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date indicated below.

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March 9, 2004
Date


Melanie A. McFadden



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**INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. §§ 1.56, 1.97 AND 1.98**

Dear Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicants submit this Information Disclosure Statement pursuant to 37 C.F.R. §§ 1.97 and 1.98 in the above-identified application for consideration by the Patent Office.

A modified Form PTO-1449 listing the cited documents is also enclosed, as well as, for the Examiner's convenience, copies of the documents. This Statement is being submitted before the first Office Action on the merits. Pursuant to 37 C.F.R. § 1.97(b)(3), no fee is believed to be required with this submission.

US Patent Documents

US Patent No. 4,683,195 issued July 28, 1987, Mullis et al.;

US Patent No. 4,683,202 issued July 28, 1987, Mullis;

US Patent No. 4,902,624 issued February 20, 1990, Columbus et al.;

US Patent No. 4,965,188 issued October 23, 1990, Mullis et al.;

US Patent No. 5,106,730 issued April 21, 1992, Van Ness et al.;

US Patent No. 5,173,260 issued December 22, 1992, Zander et al.;

US Patent No. 5,185,243 issued February 9, 1993, Ullman et al.;

US Patent No. 5,194,370 issued March 16, 1993, Berninger et al.;

US Patent No. 5,229,297 issued July 20, 1993, Schnipelsky et al.;

US Patent No. 5,411,876 issued May 2, 1995, Bloch et al.;

US Patent No. 5,705,366 issued January 6, 1998, Backus;

US Patent No. 5,773,258 issued June 30, 1998, Birch et al.; and

US Patent Documents - Cont'd.

US Patent No. 6,183,998 issued February 6, 2001, Ivanov et al.

Foreign Published Applications

EP-A-0 402 994 published November 30, 1994, Devaney et al.

Other Documents

Bustin, S.A., *J. Mol. Endocrinol.*, 25, 169-193 (2000);

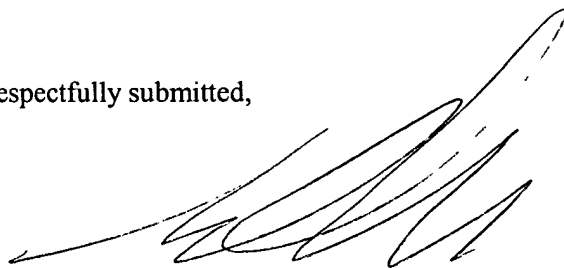
Chou et al., *Nucleic Acids Research* 20(7): 1717-1723 (1992); and

Freeman, W.M. et al., *Biotechniques*, 26, 112-125 (1999).

Applicants do not intend to represent that any of the documents submitted herein is material prior art to this invention or that the list represents an exhaustive search of documents related to this invention.

Applicants respectfully request that the documents submitted herein be considered and made of record in this application.

Respectfully submitted,



David G. O'Brien, Reg. No. 46,125
Leon R. Yankwich, Reg. No. 30,237
Attorneys for Applicants
YANKWICH & ASSOCIATES
201 Broadway
Cambridge, Massachusetts 02139
telephone: (617) 374 -3700
telefax: (617) 374 -0055

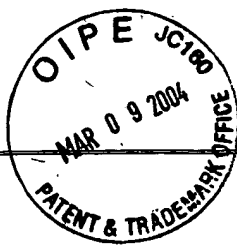
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Melanie A. McFadden
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Modified FORM PTO-1449	ATTY. DOCKET NO. QGN-038.1US	SERIAL NO. 10/669,976
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	APPLICANT Engel and Löffert	
(Use several sheets if necessary)	FILING DATE September 24, 2003	GROUP 1645

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	US 4,683,195	07/28/87	Mullis et al.			
	AB	US 4,683,202	07/28/87	Mullis			
	AC	US 4,902,624	02/20/90	Columbus et al.			
	AD	US 4,965,188	10/23/90	Mullis et al.			
	AE	US 5,106,730	04/21/92	Van Ness et al.			
	AF	US 5,173,260	12/22/92	Zander et al.			
	AG	US 5,185,243	02/09/93	Ullman et al.			
	AH	US 5,194,370	03/16/93	Berninger et al.			
	AI	US 5,229,297	07/20/93	Schnipelsky et al.			
	AJ	US 5,411,876	05/02/95	Bloch et al.			
	AK	US 5,705,366	01/06/98	Backus			
	AL	US 5,773,258	06/30/98	Birch et al.			
	AM	US 6,183,998	02/06/01	Ivanov et al.			

FOREIGN PUBLISHED APPLICATIONS

		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	TRANSLATION YES NO
	AN	EP-A-0 402 994	11/30/94	Devaney et al.			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AO	Bustin, S.A., <i>J. Mol. Endocrinol.</i> , 25, 169-193 (2000)
AP	Chou et al., <i>Nucleic Acids Research</i> 20(7): 1717-1723 (1992)
AQ	Freeman, W.M. et al., <i>Biotechniques</i> , 26, 112-125 (1999)
EXAMINER	DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP §609.
Draw line through citation if not in conformance and not considered. Include copy of this form with
next communication to Applicant.

sheet 1 of 1